

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kenneth David Becker et al.  
Serial No. : 10/608,397  
Filed : June 26, 2003  
Art Unit : Unknown  
Examiner : Unknown  
Title : SINGLE NUCLEOTIDE  
POLYMORPHISMS AND  
MUTATIONS OF ALPHA-2  
MACROGLOBULIN

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 7, 2004  
Date of Deposit

Signature

Jennifer L. Sammartin

Typed or Printed Name of Person Signing Certificate

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Sir:

Enclosed are two (2) *Powers of Attorney by Assignee* and *Certificates under 37 CFR §3.73(b)*, including a change of correspondence address and executed assignments, in connection with the above-captioned patent application. Please update your records to reflect the change of attorneys for the above-captioned patent application.

Applicant : Kenneth David Becker et al.  
Serial No. : 10/608,397  
Filed : June 26, 2003  
Page : 2 of 2

Attorney's Docket No.: 37481-3323B (17100-025002)

If anything further is required, please do not hesitate to contact the undersigned attorney for the assignee.

- (X) The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,

---

Stephanie L. Seidman  
Reg. No. 33,779

Stephanie L. Seidman  
Fish & Richardson P.C.  
12390 El Camino Real  
San Diego, California 92130  
Telephone: (858) 678-5070  
Facsimile: (202) 626-7796  
[seidman@fr.com](mailto:seidman@fr.com)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Kenneth David Becker et al.      Art Unit : 1646  
Serial No. : 10/608,397      Examiner : Unknown  
Filed : June 26, 2003  
Title : SINGLE NUCLEOTIDE POLYMORPHISMS AND MUTATIONS OF ALPHA-2  
MACROGLOBULIN

**POWER OF ATTORNEY BY ASSIGNEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Revoking any and all powers of attorney and authorizations of agent heretofore made in respect of the above-captioned patent application, the joint Assignee of the entire interest in this patent application hereby appoints the following as its attorneys, with full power of substitution and revocation, to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith:

STEPHANIE SEIDMAN, Registration No. 33,779; DALE L. RIEGER, 43,045; FRED C. HERNANDEZ, Registration No.: 41,832; SCOTT C. HARRIS, Registration No. 32,030.

**FISH & RICHARDSON, P.C.**  
**12390 El Camino Real**  
**San Diego, California 92130**  
**Telephone: (858) 678-5070**  
**Facsimile: (202) 626-7796**

Address all correspondence regarding this patent application to:

**PTO Customer Number:**

**20985**

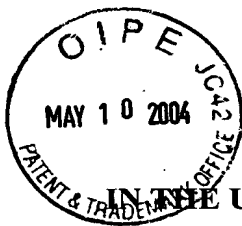
Direct all telephonic inquiries to Stephanie Seidman, Reg. No. 33,779, at telephone no. (858) 678-5070.

NEUROGENETICS, INC.

Date: 4-8-04

By:

Title: INSTRUMENTAL



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kenneth David Becker et al.      Art Unit : 1646  
Serial No. : 10/608,397      Examiner : Unknown  
Filed : June 26, 2003  
Title : SINGLE NUCLEOTIDE POLYMORPHISMS AND MUTATIONS OF ALPHA-2  
MACROGLOBULIN

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

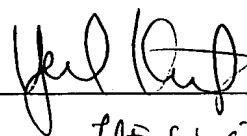
NEUROGENETICS, INC., a corporation organized under the laws of the State of Delaware, having a place of business at 11085 North Torrey Pines Road, Suite 300, La Jolla, California 92037, U.S.A., is the joint Assignee of the entire right, title and interest in the above-captioned patent application by virtue of an Assignment from the inventors. A copy of the Assignment from the inventors to NEUROGENETICS, INC. is attached hereto.

The undersigned (whose title is supplied below) is empowered to act on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NEUROGENETICS, INC.

Date: 4-8-04

By:   
Title: President & CEO

**A S S I G N M E N T**

I, **XIN WANG**, a citizen of the People's Republic of China, residing at 11580 Creekstone Lane, San Diego, California 92128, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **NEUROGENETICS, INC.**, a corporation organized under the laws of Delaware, having a principal business address of 11085 North Torrey Pines Road, Suite 300, La Jolla, California 92037, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/608,397 entitled:

**SINGLE NUCLEOTIDE POLYMORPHISMS AND MUTATIONS ON ALPHA-2-MACROGLOBULIN**

which was filed on June 26, 2003, (applicant's attorney is authorized to enter application number after execution of this document) and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

ASSIGNMENT  
Becker et al.

Atty Docket No. 37481-3323B

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 9-24-03

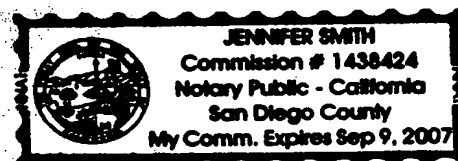
Xin Wang  
XIN WANG

STATE OF Calif )  
COUNTY OF San Diego ) SS.

On September 24, 2003, before me, the undersigned, a notary public for the State of California, personally appeared **XIN WANG** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that ~~he~~<sup>she</sup> executed the same in ~~his~~<sup>her</sup> authorized capacity and that by ~~his~~<sup>her</sup> signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Jennifer Smith  
Notary Public



A S S I G N M E N T

I, **GONUL VELICELEBI**, a citizen of the United States of America, residing at 4688 Tarantella Lane, San Diego, California 92130, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **NEUROGENETICS, INC.**, a corporation organized under the laws of Delaware, having a principal business address of 11085 North Torrey Pines Road, Suite 300, La Jolla, California 92037, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/608,397 entitled:

**SINGLE NUCLEOTIDE POLYMORPHISMS AND MUTATIONS ON ALPHA-2-MACROGLOBULIN**

which was filed on June 26, 2003, (applicant's attorney is authorized to enter application number after execution of this document) and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC

ASSIGNMENT  
Becker et al.

Atty Docket No. 37481-3323B

111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE:

9/26/03

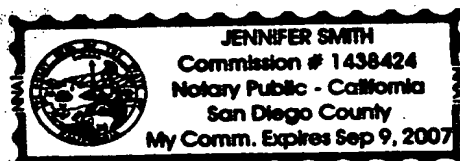
Gonul Velicelebi  
GONUL VELICELEBI

STATE OF CALIF )  
COUNTY OF SAN DIEGO ) SS.

On September 26, 2003, before me, the undersigned, a notary public for the State of CALIFORNIA, personally appeared **GONUL VELICELEBI** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that <sup>he</sup> executed the same in <sup>his</sup> authorized capacity and that by <sup>his</sup> signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Jennifer Smith  
Notary Public





A S S I G N M E N T

I, **KENNETH DAVID BECKER**, a citizen of the United States of America, residing at 12056 Mannix Road, San Diego, California 92129, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **NEUROGENETICS, INC.**, a corporation organized under the laws of Delaware, having a principal business address of 11085 North Torrey Pines Road, Suite 300, La Jolla, California 92037, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/608,397 entitled:

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which was filed on June 26, 2003, (applicant's attorney is authorized to enter application number after execution of this document) and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC

ASSIGNMENT  
Becker et al.

Atty Docket No. 37481-3323B

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I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 9/24/03

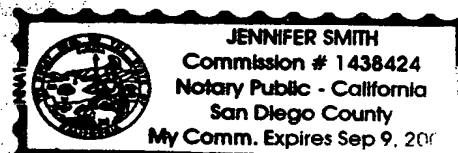
  
KENNETH DAVID BECKER

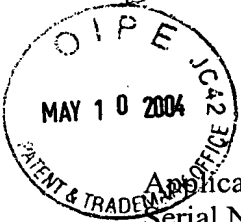
STATE OF CALIF. )  
 ) SS.  
COUNTY OF San Diego )

On September 24, 2003, before me, the undersigned, a notary public for the State of California, personally appeared KENNETH DAVID BECKER personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

  
Notary Public





**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Kenneth David Becker et al.      Art Unit : 1646  
Serial No. : 10/608,397      Examiner : Unknown  
Filed : June 26, 2003  
Title : SINGLE NUCLEOTIDE POLYMORPHISMS AND MUTATIONS OF ALPHA-2  
MACROGLOBULIN

**POWER OF ATTORNEY BY ASSIGNEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Revoking any and all powers of attorney and authorizations of agent heretofore made in respect of the above-captioned patent application, a joint Assignee of the entire interest in this patent application hereby appoints the following as its attorneys, with full power of substitution and revocation, to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith:

STEPHANIE SEIDMAN, Registration No. 33,779; DALE L. RIEGER, 43,045; FRED C. HERNANDEZ, Registration No.: 41,832; SCOTT C. HARRIS, Registration No. 32,030.

**FISH & RICHARDSON, P.C.**  
12390 El Camino Real  
San Diego, California 92130  
Telephone: (858) 678-5070  
Facsimile: (202) 626-7796

Address all correspondence regarding this patent application to:

**PTO Customer Number:**

**20985**

Direct all telephonic inquiries to Stephanie Seidman, Reg. No. 33,779, at telephone no. (858) 678-5070.

THE GENERAL HOSPITAL CORPORATION

Date: 7/26/04

By: S. Longago

Title: Director, CSCL



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kenneth David Becker et al.      Art Unit : 1646  
Serial No. : 10/608,397      Examiner : Unknown  
Filed : June 26, 2003  
Title : SINGLE NUCLEOTIDE POLYMORPHISMS AND MUTATIONS OF ALPHA-2  
MACROGLOBULIN

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

THE GENERAL HOSPITAL CORPORATION, a corporation, having a place of business at 55 Fruit Street, Boston, Massachusetts 02114, U.S.A., is a joint Assignee of the entire right, title and interest in the above-captioned patent application by virtue of an Assignment from the inventors. A copy of the Assignment from the inventors to THE GENERAL HOSPITAL CORPORATION is attached hereto.

The undersigned (whose title is supplied below) is empowered to act on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

THE GENERAL HOSPITAL CORPORATION

Date: 4/26/04

By: J. Tompazzo

Title: Director, CSCL

**A S S I G N M E N T**

I, **LARS BERTRAM**, a citizen of the Federal Republic of Germany, residing at 50 Chestnut Hill Avenue, Brighton, Massachusetts 02135, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **THE GENERAL HOSPITAL CORPORATION**, a corporation organized under the laws of Delaware, having a principal business address of 55 Fruit Street, Boston, Massachusetts 02114, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/608,397 entitled:

**SINGLE NUCLEOTIDE POLYMORPHISMS AND MUTATIONS ON ALPHA-2-MACROGLOBULIN**

which was filed on June 26, 2003, (applicant's attorney is authorized to enter application number after execution of this document) and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC


ASSIGNMENT  
Becker et al.

Atty Docket No. 37481-3323B

111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: July 21, 2003

  
\_\_\_\_\_  
LARS BERTRAM

STATE OF ma )  
COUNTY OF Middlesex SS.

On July 21, 2003, before me, the undersigned, a notary public for the State of Massachusetts personally appeared **LARS BERTRAM** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Notary Public

**A S S I G N M E N T**

I, **RUDOLPH E. TANZI**, a citizen of the United States of America, residing at 3 Oceanside Drive, Hull, Massachusetts 02045, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **THE GENERAL HOSPITAL CORPORATION**, a corporation organized under the laws of Delaware, having a principal business address of 55 Fruit Street, Boston, Massachusetts 02114, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/608,397 entitled:

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Atty Docket No. 37481-3323B

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

July 21, 2003

  
\_\_\_\_\_  
RUDOLPH E. TANZI

STATE OF Ma )  
 ) SS.  
COUNTY OF Middlesex )

On July 21, 2003, before me, the undersigned, a notary public for the State of \_\_\_\_\_, personally appeared **RUDOLPH E. TANZI** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Suzanna Cortese  
Notary Public



A S S I G N M E N T

I, **ALEISTER J. SAUNDERS**, a citizen of the United States of America, residing at 3141 Chestnut Street, Philadelphia, Pennsylvania 19104, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **THE GENERAL HOSPITAL CORPORATION**, a corporation organized under the laws of Delaware, having a principal business address of 55 Fruit Street, Boston, Massachusetts 02114, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/608,397 entitled:

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ASSIGNMENT  
Becker et al.

Atty Docket No. 37481-3323B

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 10/26/03

Aleister J. Saunders  
ALEISTER J. SAUNDERS

STATE OF Pa )  
COUNTY OF Monty ) SS.

On 10/26/03, before me, the undersigned, a notary public for the State of Pa, personally appeared **ALEISTER J. SAUNDERS** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Ivan Horn  
Notary Public

